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ABSTRACT

This partially annotated bibliography contains current sources on a variety of topics including architecture, economics, environmental education, energy, geography, land use, urban planning, politics, recreation, and open space. The sources date from 1973 through 1975. The bulk of the documents are project reports, commercially published books, studies, and bulletins. Citations are alphabetized by author within each topic and include the title, date, number of pages, and availability. (JR)

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ARCHITECTURE AND DESIGN

Afek, Simcha. Building with lightweight steel structure components and materials. Haifa: Center for Urban and Regional Studies, Technion-Israel Institute of Technology, 1974. (Working Paper No. 37).

Beakley, George C. Design: serving the needs of man/George C. Beakley, Ernest G. Chilton, with contributions by Michael J. Nielsen. New York: Macmillan, c1974, 546p.

Design - a dynamic field whose relevance in solving society's most pressing problems has never been more evident - is the subject of this exciting, innovative new book that will inspire and delight students while introducing them to creative, functional design and its importance to man's well being.

A stunning, well-designed format complements and exemplifies textual content as this book explores man's unique capacity to solve problems through the design process. The first four chapters are motivational and may be used in sequence or assigned discriminately throughout the course. Discussion of such non-standard topics as the challenges facing the designer; new horizons in creative thinking; the ingenious designs in nature; and the fundamentals of achieving pleasing aesthetic designs give the student a realistic view of the many fascinating, provocative, and practical possibilities of design.

After this motivational section, the text explores design methodology. Specific chapters concentrate on the critical

parts of the design cycle, with the theory portion of each chapter followed by problems and exercises drawn from real life situations. The overall design process is presented in a detailed discussion of each of its phases - from problem formulation to development of models to reporting results. In-depth discussion is also given to such powerful influences on the design process as the consideration of human needs and desires and economic factors affecting design. A final chapter discusses the types of decisions designers face daily and the processes governing the ultimate choice.

Ching, Frank. Architectural graphics. New York: Van Nostrand Reinhold Co., 1975. 128p.

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General Electric Co. Solar heating and cooling of buildings, study conducted for Department of the Army. Vol. 1: Executive summary and implementation plans, prepared for Army Construction Research Laboratory. Springfield, Virginia: National Technical Information Service, 1974, 60p. (AD/A-002 576).

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"This paper was delivered as a refresher lecture at the annual meeting of the American Sociological Association, August 29, 1973, in New York City."

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"This attractively illustrated book surveys Roman domestic architecture from the time of the Etruscans to the late Roman Empire. It treats the work of architects and builders throughout the empire, from Britain to Mesopotamia and from Germany to North Africa.

Professor McKay examines simple houses, mansions, estates, and palatial buildings in the light of recent excavations and contemporary scholarship, and he pays particular attention to accounts of ancient writers that deal with such topics as house design, interiors, furnishings, and gardens. Describing Rome's innovational high-rise apartments, her compact civic squares, large public buildings and temples, shopping centers, and commercial areas, he shows that Roman civilization was astonishingly similar to our own. He also discusses the conditions of life in the Roman provinces, where recent discoveries have shed fresh light on private and communal living.

Enhanced by over 150 illustrations of plans, sites, and reconstructions, this readable, informative, and up-to-date survey will be welcomed by student and amateur alike."

Marshall, Richard D. A study of wind pressures on a single-family dwelling in model and full scale/R. D. Marshall Institute for Applied Technology, National Bureau of Standards; sponsored by Tri Service Building Materials, Investigational Program Committee, Department of Defense. Washington, D.C.: U. S. Department of Commerce, National Bureau of Standards, for sale by the Superintendent of Documents, U. S. Government Printing Office, 1974, 35p. (NBS Technical Note; 852).

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"This publication, Establishing an Historic District, has been prepared as a part of the Comprehensive Plan for Historic Preservation in Maryland. The report outlines the procedures whereby local citizens might act to enhance an area of historical interest, through the establishment of an historic district.

Included are a description of the objectives of forming an historic district, the make-up and duties of an historic district commission, and criteria for the review of historic sites. The report also suggests procedures for preparing an inventory of historic sites, for defining the boundaries of the historic district, and for a planned approach to historic preservation.

The procedures used for the establishment of an historic district in Chestertown, Maryland, in 1964 have been used as illustrations. A sketch plan for historic preservation in Chestertown was prepared to serve as a guide to communities interested in planning for historic preservation."

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"This index includes abstracts of works - books, periodical articles, reports, films, Congressional hearings, conference proceedings, etc. - on land use planning published between 1970 and the end of 1973.

For those who need to do extensive research on the subject, the index is well worth its formidable price." ($50.00)

Meglis, Anne Llewellyn, comp. A bibliographic tour of Washington, D.C.: Washington, D.C.: Redevelopment Land Agency, 1974, 44p.

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"Man's community and his environment are completely interdependent. Man can change his environment but also must adapt and react to it. However, communities comprise complex groups of people - economists, politicians, sociologists, scientists, engineers - whose ideas and goals for community growth are as different as they are.

Water and Community Development: Social and Economic Perspectives is the first in a series on Man, His Community and Natural Resources that will examine these interrelationships and how people from various disciplines can together build a better community while satisfying their personal goals.

This book explores the role of water resources in community development and the social and economic consequences of water resource planning, development and management for such things as recreation, irrigation, transportation and hydropower. Undoubtedly it marks a significant step toward shaping future environmental research programs by showing citizens how to work together to solve their environmental problems.

This volume should be a valuable asset to rural and agricultural economists, extension community development agents, public agency planners, managers, geographers, university teachers and individuals in water and water resource management, in addition to its use as a basic text."

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"Since the 1956 publication of Paul F. Wendt's highly respected Real Estate Appraisal, the boom in land development and real estate values has created a need for a reexamination and an updating of appraisal techniques. Real Estate Appraisal: Review and Outlook by this well-known authority in the field most successfully fills this need. This new study not only surveys the development of appraisal theory and practice in the last two decades but also evaluates the present state of the appraisal art and looks toward its future.

The first three chapters review major contributions in valuation theory. Mr. Wendt traces the origins of appraisal methodology and the contributions made to both theory and practice by economists, engineers, accountants, mortgage bankers, real estate brokers, security analysts and others.

The balance of the book focuses on new appraisal techniques and approaches. Emphasizing the eclectic nature of appraisal theory and practice, the author contrasts the increasing mathematical sophistication of appraisal techniques with the relatively simplistic theoretical structure, concluding that sophisticated techniques have lent an aura of scientific accuracy to an appraisal process which relies upon subjective judgment and estimation at many critical points. He reflects the contemporary and future importance of computer and cash-flow analysis in a thorough treatment that furnishes a much needed link between real estate investment counseling and appraisal.

Directed toward both the professional appraiser and the college-level student of real estate, this book offers a comprehensive treatment of after-tax cash flow and multiple regression analysis. The basis and use of the capitalization of income method is examined in some detail. In the final chapter the author suggests revisions in the appraisal process designed to sharpen the selection of methods adaptable to specific valuation problems."

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"The Puerto Rico Plan, Environmental Protection through Development Rights Transfer, offers a detailed description of a full-fledged effort to use the benefits of the transfer development rights approach on a broad scale. Written by John J. Costonis, Professor of Law at the University of Illinois, and Robert S. DeVoy, Senior Vice President, Real Estate Research Corporation, it is perhaps the first time that the TDR concept has been proposed for such a large land area. The "Puerto Rico Plan" is worth the attention of those involved in land use decisions, especially those considering the application of the TDR concept.

Although the plan is designed to meet the needs of Puerto Rico, it is an invaluable resource to the citizen, public official, and planner who is looking for new alternatives in land assembly techniques, open space preservation, and community management. Importantly, the book details and describes the kinds of considerations - economic, environmental, legal, and administrative - which must be dealt with when considering a TDR plan."

Cowing, T. G. and S. R. Nalven. Consolidation of refuse collection and disposal services in Broome County. Binghampton: State University of New York, Economic Growth Institute, 1974, 113p. (Consolidation Report No. 5).

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"In recent years, man has become increasingly aware that he can no longer afford to regard air, water, land, and ecosystems as inexhaustible resources. The past decade has witnessed the burgeoning of entire new fields of scientific endeavor focused on environmental planning. Through original writings and authoritative introductory materials, this timely volume illustrates the various systems techniques which have been applied to the identification and management of environmental problems. For the first time, a single book encompasses the economic and social, as well as the physical, factors involved in diverse areas of concern. Works by a distinguished array of authors - including M. K. Hubbert, H. E. Koenig, L. B. Leopold, G. M. Van Dyne, W. Leontief, J. S. Olson, and M. G. Wolman - represent the very foundations and most stimulating highlights of environmental systems analysis.

Six topically organized sections cover ecosystem analysis, ecosystem management, air quality, water management, waste

management, and interdisciplinary issues. The general introduction provides an overview of the problems, procedures, and challenges encountered in using systems analysis to deal with these issues, while the editorial commentary preceding each section offers more specific background material and clarifies relationships among the different papers.

Environmental Modeling: Analysis and Management is an invaluable and convenient source of technical knowledge and practical methodology for advanced students and working professionals in engineering and the sciences. It is also a superb compendium of background data for those persons working with the administrative aspects of environmental modeling."

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Maldwin Drummond has lived on the shores of the Solent all his life. Although he has cruised far in his yacht 'Gang Warily,' his real interest lies in the waters and shores enclosed by the Isle of Wight.

As a Verderer of the New Forest and a Hampshire County Councillor, he has specialised in the problems caused by recreation and

public pressure on the environment.

He is a past Chairman of the Solent Protection Society and was awarded Southampton University's Certificate in Environmental Science, partially for his work on the Lymington River.

Maldwin Drummond is a member of the Marine Biological Association, a Director of an oyster company and farms on the Solent shore.

This book describes what is happening in an estuary against a background of history and changing use.

It examines the conflicts and tries to resolve them. In doing this he makes strong recommendations so that multiple use of the river can continue without damaging the resource.

Although it is a study of the Lymington Estuary, the book shows how recreational and commercial estuaries should be examined if they are to be valued by succeeding generations.

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This book will give you a thorough understanding of these problems as well as of the relationship between the human race and the environment. In articles on such important subjects as pollution in the seas and oceans...how human activities disturb fragile ecosystems...the limitations of natural resources...climate control...technological mistakes

of the past and present...and the future of agriculture, it focuses on the effect that human beings have had on their surroundings and their role in preserving the environment for future generations.

The encyclopedia contains more than 300 illustrated articles selected by a board of consultants and taken from the world-renowned McGraw-Hill Encyclopedia of Science and Technology and its yearbooks, supplemented by articles specially written by well-known authorities for this comprehensive volume. Consequently, the encyclopedia offers you thorough coverage of the entire spectrum of environmental science from such diverse fields as meteorology...climatology...plant and animal ecology ...conservation...oceanography...agriculture...geochemistry... soil engineering...civil engineering...and many more.

Because environmental concerns overlap many branches of science and embrace many technologies, the encyclopedia interrelates its articles by an extensive cross-reference system and an index.

Here is a sampling of the scope and significance of the articles included in the encyclopedia...

*Articles on aerobiology, atmospheric chemistry and air pollution reveal the impact that our attempt to control the total environment has had on the earth's climate and on our own health.

*Articles on defoliants and desiccants; fertilizers; insecticides; biological insect control; meromictic lakes; persistence of pesticides; polychlorinated biphenyls; and agricultural wastes will help you understand the connection between the use of chemicals and the delicate balance of the ecosystems, and the problems of water pollution, organic and inorganic waste control, and cultural eutrophication.

You will find this reference lucid and comprehensive, whether you are a scientist, a technologist, an environmental planner, an ecologist, a landscape architect, a civil engineer, a government official, a researcher, a student, a concerned businessman...or an interested citizen.

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The bulk of the book is devoted to thorough-going examinations of the four major ecological problems - pollution, conservation, preservation, and population. A striking example of the book's approach is found in its discussion of conservation. Agreeing that conservation is necessary, Professor Passmore asks: how much should one conserve? The power of the book's analysis comes from the fact that such questions, like their answers and the book's conclusions, are always based on the here and now - the life that real men live in this real world.

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"Human Geography in a Shrinking World is a collection of essays concerned with the locations of events and people during the next century. As such, it is an integral part of the exploding futuristic literature, but one that offers a viewpoint not normally developed in futuristic works. Our authors may disagree about many things, but they all agree that WHERE an event will occur is just as important as WHEN it will 'take place.' This conviction is the unique perspective that this volume offers.

Because transportation and communications are such critical determinants of the locations of social, economic, and residential activities, a concern with long-term whereness requires some discussion of these two technologies. Part I (Perspectives) consists of four chapters that analyze current and future transportation and communications technologies in relation to locational decisions. Part II (Implications) explores some consequences of the hypermobility that transportation and communications are creating. Future settlement patterns are of major importance here because of their dependence on movement technologies and because they are such fundamental patterns of life. But beyond choosing settlement patterns, we face numerous alternative ways of organizing society, government, and cultural groups. Several authors address the dilemmas of selecting among the many alternatives we have.

In Part III (Alternatives) we suggest ways of answering the questions and dilemmas raised in Part II. Several scenarios, an urban settlement simulation, and a Delphi study are used to answer questions about future activity locations. The diverse settings and the range of geographical scales incorporated in these essays make it clear that geographical questions can be answered by futuristic methods. Yet techniques only help us answer questions; they are never answers themselves. The book's final chapters stress that point. Even if we have techniques for managing an almost paralyzing array of alternatives, it will still be impossible to make choices without becoming deeply involved in philosophical and political arguments. Futuristics may produce better decisions, but it will not make decision making any easier.

A locational decision has a long 'half-life.' A choice made today about the location of a park or a roadway produces opportunities or constraints for a century or more. We are making the future every day whether we do so consciously or unwittingly. Writing and organizing these essays has helped the authors and editors clarify their thinking about spatial futures and about their long-run responsibilities.

and geographers. If Human Geography in a Shrinking World helps others become more self-conscious about the long-term geographical implications of current decisions, we will be pleased and grateful."

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"Peter Toyne examines, within a systems framework, the major factors which are responsible for the creation and change of the spatial organisation of society. The human landscape is considered as a system resulting from the many decisions taken by different individuals and groups about the location and form of human and economic activity. Although the idea of systems is in no way new to geographical studies, this book breaks new ground in seeking to set the locational process in a systems context.

The author's purpose is to provide an introductory text for Geography students which will also be useful to students of Economics, Business Studies and Planning. With the exception of decision-making, all of the topics considered are dealt with in first- and second-year courses in Economic and Human Geography. The treatment is comprehensive, and a good balance is struck between previously published and new material. Mr. Toyne concentrates on presenting an up-to-date analytical and quantitative approach, and on explaining and interpreting fundamental patterns and processes. His approach is robustly non-ideographic. The depth of the treatment of statistical and mathematical formulations is adjusted to the level of first-year studies.

In the general context of man's relationship to his environment and of the decision-making process, the analysis embraces the elements of scale, land, labour, capital, transport, demand and supply."

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The basic plan, therefore, must be carefully designed if the resulting homes are to provide satisfaction. This book, edited from material originally commissioned by the Department of the Environment for the well-known and authoritative series of

Design Bulletins, deals with all aspects of the problem, from the placing of houses, garages and play areas on a site to the detailed layout of each room in the house. Copious illustrations show how even a small space, thoughtfully planned, can be both convenient and attractive."

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"...'all Americans have the RIGHT to decent housing, in decent surroundings of their own choosing, at rents or prices they can afford,' asserts the author of this book. The implications raised by this fundamental assertion, however, give rise to a series of questions that form the framework of Hartman's discussion:

Can adequate, fairly priced, and properly located housing be constructed by the free enterprise system?

Can existing housing be adequately maintained and marketed under present entrepreneurial motivations?

What is the role of government in meeting the nation's housing needs?

The field of housing and the policies affecting it are complex, touching on issues as comprehensive as inflation and as sectarian as party viewpoint. In an attempt both to explain the situation and explor other possibilities, Hartman provides a broad-reaching delineation of the nature and dimension of the housing problem, the barriers to increased and lower-priced production, and the successes and failures of various governmental interventions over the past four decades.

His discussion covers not only abstract economic and social concepts, but also provides concrete data on various types of housing conditions, who the homeless and inadequately housed members of our society are, aspects of landlord-tenant relationships, income and property tax ramifications, and the differences between, as well as the commonalities of, urban and rural housing conditions and needs.

Finally, Hartman addresses the future, drawing from his analysis of the situation and past attempts at rectifying it to discuss prospects for viable policy approaches to a problem that has already reached crisis dimensions and promises to become still more severe unless radical remediation steps are undertaken."

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3. Carry out case studies which demonstrate in a significant way the application of environmental design theories."

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Vol. II. Urban Areas, 454p.
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Vol. I. "Throughout history, man has wittingly and unwittingly exercised his ability to change nature - and nature has in turn affected man's patterns of life. The editor's text relates and interprets a wide array of outstanding articles which together provide a fine survey of environmental geomorphology and landscape conservation. The first volume in this three-volume treatise deals with the reciprocal interaction of man and the land-water ecosystem prior to this century. Equal attention is paid to man's destructive tendencies and his attempts to restore, reclaim, and conserve his physical environment.

The book is of international scope; individual studies include examples from Europe, the Near East, India, and the Americas. Many articles present controversial ideas or show different views on such subjects as the fall of Rome, the Negev problem, the Mayan problem, and the Arroyo problem.

This unique collection is the first to combine in depth a treatment of geomorphology with conservation ideas. The book will provide an excellent reference as well as fascinating reading for anyone concerned with physical geology, physical geography, soils, environmental science, or the planning and management of regional affairs."

Vol. II. "The population explosion, new energy sources, technological advances, the age of the automobile...all have helped to cause the rapid expansion of cities. And all have helped to create a unique set of problems in the twentieth century. This second volume in a three-part

series deals with the physical aspects of what is happening to the lands and waters on, near, and under these burgeoning urban areas. By means of 32 landmark studies and expert editorial commentary, this Benchmark volume shows us the interlocking structure of the many components that make up the complex urban environment.

The editor has divided the volume into four principal sections: water resources, geomorphic hazards, landscape abuse, and landscape management. Dr. Coates' central theme is that the geomorphologist can add immeasurably to a greater understanding of the urban ecosystem, because he is in a preferred position to know which land-utilization practices will cause the minimum distortion to natural processes. Topics explored include: open space, and greenbelts, flooding, landslides, coastal modification, urban sprawl, displacement of hydrologic regimes, wetland destruction, new town development, derelict lands, and rehabilitation of damaged environments. An important contribution to greater environmental and ecologic harmony, this volume provides integrated information that can be put to use by city planning decision makers, and it provides a physical base for greater comprehension of factors that must be considered for urban-area management."

Vol. III. "The third volume of this three-part series focuses on non-urban terrain, the areas only indirectly involved in the problems of 20th century urbanization treated in Volume II. Twenty-six landmark studies dating from 1911 to 1971 - including contributions by Strahler, Leopold, Craighead, Bennett, and Lowdermilk - are reproduced within a topically arranged framework of expert editorial commentary. Together they offer a uniquely balanced historical treatment of both the land degradation induced by man and his efforts at conservation, preservation, and reclamation in this century.

Part 1 - "Man-Induced Terrain Degradation," analyzes the ways in which man destroys delicate land balances through agriculture, construction, and resource development. Part 2, "Soil Conservation," traces the development of the soil conservation movement in the 20th century, including the techniques employed for the prevention of soil erosion. Part 3, "Landscape Management," is a perceptive analysis and synthesis of preservation and rehabilitation practices that influence planning within the context of the entire landscape - embracing many different land-use activities.

The scope is international, with examples drawn from many parts of the world. The evolution of governmental policies, agencies, and legislative mandates dealing with environmental questions is also insightfully appraised."

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"This research study provides, largely with the aid of a computer-based, mathematical method, a non-judgemental site planning evaluation tool based on empirical data. The basis of the methodology consisted of the measurement and analysis of a sample of 47 housing site plans, which were used to provide predictions or expectations of provision and/or performance in assessing current examples of housing site plans.

The resulting methodology focuses on those development aspects of housing site plan performance which are quantifiable in an attempt to systematize their assessment. The process of evaluation became one of deciding whether deviations from statistical expectations constituted justifiable responses to externally imposed constraints or unusual local circumstances, bad planning, or innovative planning.

The data was divided into three groups of variables: constraint, geometric, and indicator. Regression analysis was used to establish the degree to which one variable was dependent upon, or could be predicted from, one or more other variables. Proposed site plans were thus analyzed in relation to these statistical expectations in a process called "evaluation by exception," i.e., indicators which fall outside the expected range are likely to highlight interesting features of the site plan. This evaluation technique, including the use of regression tables and equations, and nomograms (graphic equivalents of regression equations) was illustrated by applying it to two example site plans.

The research effort did not in the end, produce an operational, fully tested method for evaluating housing site plans, but rather an approach toward such an operational technique."

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"This book explains in clear and simple language the basic methods, formulas, and short-cuts for the construction design of site improvements. Landscape architects will find it pulls together essential construction design information never before available in a single source. Architects and civil engineers will appreciate the convenience of this handy refresher reference on site improvement work. Landscape contractors will find it an excellent basic guide for checking layout and earthwork for bidding and construction calculations.

Because the book's primary purpose is to save time for busy professionals, all mathematics used in site construction are presented in clear, understandable terms. The book also indicates which methods of calculating are complicated and which are simple - and explains the easier ways of arriving at workable answers.

Based on many years of firsthand experience, the book contains unique coverage not found in other landscapping references, including...

*simple, concise explanations of four methods of computing earthwork;

*how to interpolate for parallel planes - and the difference between parallel and contour planes;

*easy-to-use charts on ditch and swale sizing;

*how to design retaining walls of wood.

Whatever question you have, whether it involves a specific problem or a general landscaping procedure, you will find the answer in this volume. The book is organized for quick reference, and all its methods are simplified and easy to use. With all its material geared to practical site improvement, this information-filled volume...

**discusses the many calculated bearings and dimensions that a surveyor must incorporate in a plat for record after the land planner's design scheme is done;

**shows how topographies are taken and how to locate the whole-foot contour lines;

**presents the essentials for coordinate and stationing dimensioning systems and explains what should appear on the staking (layout) plan;

**gives you the procedure to follow in doing a grading plan and tells how to show the grading on a drawing;

**explains simple circular curves, compound curves, reverse curves, gradient limitations, vertical curves, and parabolic cross sections used in road layout, plus dimensions and grading considerations for laying out parking areas;

**presents a general overview of what utilities are and how they relate to topography and site improvement;

**demonstrates a systematic procedure for the design of sprinkler irrigation systems, with easy-to-use charts showing pressure losses through water meters and various types and sizes of pipe;

**shows how to determine the size of beam joists, and planks needed in wood structure that are often a part of site improvement work.

Special appendices explain the algebra and trigonometry used in construction design in very simple terms ... give formulas for computing areas and volumes of plane and solid geometric figures ... cover transposing from architects' to engineers' dimensioning systems and vice versa. The book also explains verniers, planimeters, and slide rules, and has a special section on calculators and computers.

The book contains practical answers to literally thousands of problems that landscape architects, civil engineers, and site planners encounter on the job. Filled with detailed information, it is designed to save you time and effort through the special arrangement of its material. Each type of problem is first treated in a brief summary form, followed by a solution of a typical problem, and, where necessary, concluding with a detailed explanation of the method of solution. This presentation sequence saves a lot of time because those who need only to brush up in order to recall the method of solving the problem remember how it is done by reading the first few paragraphs. Those needing more help can follow the steps shown in the representative problem, and if more help is needed, get a full understanding from the detailed explanation of the method used."

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"The author writes: 'Cambridgeshire, or more strictly the administrative county of Cambridgeshire and the Isle of Ely, can by no stretch of the imagination be considered one of the most beautiful counties of England.... Yet is it quite wrong to assume that there is nothing of interest to see. As in any part of our country the marks of man's activity from the remotest prehistoric period to the present day are indelibly stamped on the landscape, though it is perhaps more difficult to unravel the pattern here in Cambridgeshire than in some other areas. But this is a challenge in itself to any landscape historian worth his salt.

'In any case the county has its charms and special places.... To walk across the fens on a bright frosty day can be a great experience even for the non-historian...the apparently endless flat landscape can come alive with the visible remains of prehistoric water-courses, medieval drainage works, eighteenth-century wind-pumping mill sites and much else. Everything soon falls into its historical place, whether it be the long-abandoned channel of a fourteeneth-century drain or the ugly brick shed housing a diesel engine, whose steady throb indicates that the work of drainage initiated by the Romans is still going on....

'Outside the fenland, one can wander through the lanes of south Cambridgeshire to an isolated church situated within the long-forsaken ramparts of a mighty Norman castle. Here it is possible to walk along the street of a deserted village which originally grew up outside the castle and then shrank away to a green field again when the castle was abandoned. Elsewhere in the county one can explore the tiny villages on the heavy western clay lands and decipher the complex history of the early medieval exploitation of the woodland there; or investigate the fen-edge villages and find the traces of old canals, basins and wharves to which, in the medieval period and later, barges came bringing goods from as far away as Scandinavia. All this and much more is waiting to be discovered by those who are prepared to look, ask questions and look again.'

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PLANNING

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"Regional planning has become the focus of considerable attention, not only in Britain with the reorganization of local government and the report of the Kilbrandon Commission, but also in Europe generally, with the search for a better quality of life in each part of each nation. Thus the need for a book which synthesizes the current state of regional planning and which suggests areas of improvement and lines for its future development. This is what aims to do and as such it will be welcomed not only by students of planning and of urban and regional studies, but also by the growing number of practitioners seeking guidance on techniques and the basic theory and rationale of this type of planning. The authors' approach has been to encourage and stimulate the development of the subject rather than to assert prematurely or over define. Each chapter covers a fundamental aspect of regional planning and takes account of European and American ideas and practices."

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Golany, Gideon and Daniel Walden. The contemporary new communities movement in the United States. Urbana: University of Illinois Press, 1974, 154p.

Gottschalk, Shimon S. Communities and alternatives: an exploration of the limits of planning. Cambridge, Massachusetts: Schenkman, distributed by Halsted, 1975, 169p.

"Among our major new tasks emerges the need to invent, and if possible to experiment with alternative social institutions and physical arrangements which are expressive of the actual or anticipated changed circumstance of life.

'This study was germinated in a place far removed from the lecture halls and libraries of universities, writes the author in his Acknowledgements. He was 'engaged in a novel project: the effort to establish a new town for poor people, former sharecroppers and farm hands, in rural Georgia. The idea was - and continues to be - to develop another option, a viable alternative to urbanization, for black families that have been deprived of their livelihood.... But how does one plan, how does one create a new community? Building a new TOWN is a relatively easy task, once the talent and the necessary material resources have been assembled. But how does one create a new COMMUNITY?

As time went on and our project progressed only haltingly, we became intimately, even viscerally, aware of our limitations as planners. That is why this volume is centrally concerned with the question of identifying and specifying insofar as possible the area which should not be planned.

COMMUNITIES AND ALTERNATIVES is a sociological study of the responsiveness of communities to change. Challenging the utopian fantasy of the unchanging perfect society, Professor Gottschalk contends that all societies, future as well as present, must continually evolve in response to changing realities as well as utopian ideals. There must be a balance between underplanning and anarchy, and overplanning and totalitarianism.

Dr. Gottschalk is concerned with the paradox of planning the communal organization, which is intrinsically low goal-oriented and non-hierarchical. He defines three levels of communal society - external organization, community level and family level - and eight possible combinations of relationships between formal and communal organizations. Having laid a theoretical groundwork, Professor Gottschalk uses his model to compare the different orientations of his three case communities of this book:

*Moosehaven, an administered retirement community;
*Levittown, L.I., a designed suburban community;
*The Bruderhof, an international religious community.

The volume helps in providing the basis for the planning of humanistic communities. Emphasizing order, the author poses also the philosophical and political questions of the point beyond which human life should not be controlled. He holds that to the social planners of the future will fall the responsibility for creating a moral as well as pragmatic design for society.

COMMUNITIES AND ALTERNATIVES is a very concrete appraisal of present society and a cautiously optimistic analysis of a future, flexible utopia. Dr. Gottschalk's combined sociological and philosophical approach is new to community analysis. Special attention is given to the theoretical interests of social planners, community organizers, and political actionists. Writes Professor Roland Warren in his Preface to this work, 'The implications for social planning of Gottschalk's analysis of the distinction between formal and communal organization should be read by everyone who seeks, through social planning, to correct or modify perceived imperfections in the current system'."

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Each chapter describes an area's decision problems and the range of models currently used to solve them and is basically self-contained, with model concepts and terminology introduced in the primer. The Guide is an attempt to present to a governmental-oriented audience an overview of what models are, and how they have been used in a number of important social-urban areas. It represents a source from which researchers, government officials and others can obtain an understanding of this approach to decision-making. The Guide is ideal for classes and seminars in OR/MS urban modeling, and for individual reading by researchers, and city, state and Federal administrators and their staffs. An extensive list of references follow each chapter."

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"On Christmas Eve 1973, President Nixon signed a so-called home rule bill, granting certain local powers to the District of Columbia, subject to a referendum in May 1974. But many Washingtonians were skeptical about the real effect of the bill in view of the position of various Congressmen, as typified in the statement of Democratic Representative William H. Natcher: "Any bill which grants additional rights and responsibilities to the people of the District in dealing with the municipal problems must protect the federal interest and preserve the constitutional authority of the Congress over the Nation's Capital."

While opinions differ as to whether the new bill (by which Congress retains control of the District's budget) will make a significant difference in the life of the District, Sam Smith, author of Captive Capital, contends that it is a token measure which can be taken back by Congress at any time. In this honest, hard-hitting book Smith argues that real home rule for Washington can only be brought about by making Washington, D.C., the 51st state of the union.

Captive Capital is the story of the 750,000 residents of the nation's capital who have been second-class citizens for a hundred years, denied the right to control local policy or to choose representatives to Congress. It is also an insider's view of life inside the 'monument,' including a historical perspective of the city's growth, a view of the city by neighborhood, a discussion of the racial situation, police, and schools, as well as an examination of the District government and major political figures.

But Captive Capital is more than a book about Washington. The author notes that Washington shares many of the problems of other American urban centers and he describes the flaws in recent urban planning policies. He shows how bureaucrats, planners, developers, and highway builders have destroyed the quality of urban life, discusses the decline of urban democracy, and suggests new ways of looking at the city and its problems.

Far from being another academic treatise on the "urban crisis," Captive Capital is the product of a journalist who has been actively involved in the life of Washington since the mid-sixties. He participated in the fight against freeways and over-development and wrote the first article outlining the case for statehood for Washington, D.C. His book provides the background for understanding the position of the District's residents as they struggle to escape their colonial status and gain the full constitutional rights of American citizens.

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The new awareness of the imminent danger to both the physical and social environments posed by greater demands on diminishing resources, has brought together the work of economists, sociologists, geographers, historians, planners, architects, conservationists, and others, already active in leisure management, to formulate a comprehensive appraisal."

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"Settlement houses were in the vanguard of reform during the first major reform period of the twentieth century, the Progressive Era. But by the time of the New Deal, the second major reform period, their reform impulse had all but ended. In the 1930's the National Federation of Settlements and the settlements in Chicago and New York still carried on social action programs, although such programs were generally absent elsewhere in the United States.

Previously, historians have argued that an increasing professionalism within the field of social work brought about the decline of social reform activity within the settlement movement. However, an examination of manuscript collections relating to forty-three settlement houses reveals a new perspective: The demise of the settlement house as a leader in social change is paralleled by the rise of the Community Chest system of financing social agencies.

The presence of the Chest meant centralized control of Chest agencies and the addition of another layer of bureaucracy. It meant increased agency vulnerability to the pressure of large donors, often conservative businessmen, and fostered a "don't rock the boat" atmosphere that was fatal to reform. Settlements in Chicago and New York, the two non-Chest cities, remained innovative social institutions. Settlements in Chest cities did not. Indeed, during the Depression, the settlements in New York and Chicago supported the Workers Alliance as well as radical public relief programs. By contrast, settlements in the Chest cities of Minneapolis, Cleveland, Pittsburgh and elsewhere continued to support ineffective methods of private relief and occasionally even denounced the programs of the New Deal as being too liberal.

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